

542,551

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number  
**WO 2004/063321 A2**

- (51) International Patent Classification<sup>7</sup>: C12N (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/IL2004/000047
- (22) International Filing Date: 15 January 2004 (15.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/440,362 16 January 2003 (16.01.2003) US
- (71) Applicant (*for all designated States except US*): **BIO-OZ ADVANCED BIOTECHNOLOGICAL AGRICULTURE LTD.** [IL/IL]; Yad Mordechai, 79 145 D. N. Hof Ashkelon (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **PALDI**, Nitzan [IL/IL]; Meshek 77, Moshav Bar Giora, 99 880 D.N. Ha'Ela (IL). **HUET**, Herve [IL/IL]; 5 Menachem Begin Road, 56 478 Yahud (IL). **GOVRIN**, Eri, M. [IL/IL]; P.O. Box 39145, Givat Ram, 91 390 Jerusalem (IL).
- (74) Agent: **G. E. EHRLICH (1995) LTD.**; 11 Menachem Begin Street, 52 521 Ramat-Gan (IL).
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— *without international search report and to be republished upon receipt of that report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHOD OF ENHANCING EXPRESSION OF EXOGENOUS POLYNUCLEOTIDE SEQUENCES IN PLANTS

(57) Abstract: A method of enhancing an expression of an exogenous polynucleotide sequence in a plant which includes administering to the plant a virus selected capable of suppressing gene silencing in the plant, thereby enhancing the expression of the transgene in the plant.

WO 2004/063321 A2